



Actually, (and you probably already know this), QND and most of the other QN's are already in use. QND is frequently used on Amateur Radio traffic networks to indicate the fact that the net is now directed.

How about "QIB", which would presumably mean "operating in the buff" ??

Too bad QRS is already in such wide use. It could dual as "Ready for Sunburns" !!

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Luck Hurder, KY1T      KY1TLUCK@AOL.COM    ARRL@BIX.COM  
53 Broadview St.      "The Amateur Radio Service opens doors  
Newington CT 06111    to the world for EVERYONE!"  
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Date: 26 Jun 94 13:07:20 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!sunic!EU.net!sun4nl!ruuinf!ruunfs.fys.ruu.nl!  
faculty.chem.ruu.nl!besten@network.ucsd.edu  
Subject: 50 mc opening on june 25th statesside  
To: info-hams@ucsd.edu

Good news again!!!

Last saturday, june 25th we had another Es opening to the States into Holland. Apart from the 'standard' southern europeans the opening ran into Scandinavia as well. Signals were not so loud, approx. in the 55 range. One of the highlights was WB4NFS/P/VP9 (!!!!!) which was DXCC #108 for me. During this weekend apperantly a fieldday-contest was held. Despite to that fact activity was low. The opening was mainly to the 4-district. To our (i.e. the 50 MHz DX incrowd in the Netherlands) surprise the opening lasted the whole evening and started at approx. 1700 UTC. The station which was the most in the picture was KJ4E (EL98) whos signal sometimes peaked to S9. Although I worked several stations from the 4-district during previous F2 openings I managed to work some new grids. Stations worked by me:  
N4EJV (EL97), KJ4E (EL98), N4EJW (EL97), K2OU/4 (EL87), NT4B (EL89), W4WHK (EM90), K4SC (EL98), WA4CHA (EL88), WB4NFS/P/VP9 (FM72), K4FA (EL96).

At approx. 2130 UTC the opening ran into the 1 and 2-district but signals were significantly weaker (53-range). I worked: W1WHL (FN31), W3IWU (FN20), WZ1V (FN31), K2SMN (FN20) and W3EP (FN31).

Stations heard by me (despite I called them): KC4SUS (EL95, could have been a new grid for me), W5HUQ/4, W400 (EL96), NU4Q, W1AW.

Fortunately most of the stations realized that there was an opening towards Europe going on. Unfortunately some stations hadn't the faintest idea like WC2G. I believe his score should have been significantly improved if they were able to hear the huge european pile-up for them. Instead of making QSOs we could clearly hear the BBQ and the loads and loads of beer being poured into the operators mouth :-)

After approx. 2200 UTC signals disappeared.

Remco PA3FYM (J022){\_

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Date: 26 Jun 94 13:05:39 GMT  
From: ihnp4.ucsd.edu!swrinde!pipex!sunic!EU.net!sun4nl!ruuinf!ruunfs.fys.ruu.nl!  
faculty.chem.ruu.nl!besten@network.ucsd.edu  
Subject: 50 mc statesside ~rjune 19th  
To: info-hams@ucsd.edu

I received a lot of replies on my previous post mentioning the Trans-Atlantic multihop Es 50 MHz opening to the States sunday, june 19th. For those who are interested here are the stations worked by me during that 30 min opening. If you know any of these stations spread the word :-)

W2CNS, WB4DBB, W1DU, WA1AYS, KA1YQ, KM1E, K8MFO, WA3TBG, K1JRW, K1ZKR, K8GQB, K1DPP, N1RWM, N1KKY, N1HOV, WA8DXB, K1FWF, KA1A, W8CMS, VE3ECL, N8TLZ, N2DSY, N8KOL, WZ1V, W4PSJ/8, KD4CAN, W1AIM, K3VLQ, W5EU, K2MUB, W1AJR, NW3C, VE3TFU, WW4J (?), K1HTV. These stations were worked between 19.49 and 20.19 UTC. After this opening another small one reoccured and I worked N1DJB, K1TOL and WA1AYS (from 21.47 to 22.03 UTC)

See you on six,

Remco, PA3FYM

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Date: 26 Jun 1994 18:00:02 -0400  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!news.ans.net!  
newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@network.ucsd.edu

Subject: AEA IsoLoop - Opinion  
To: info-hams@ucsd.edu

In article <1994Jun24.114754.24501@seastar.seastar.org>,  
jjw@seastar.seastar.org (John Welch) writes:

>Perhaps the loop advocates are unwilling  
>to admit they might have been somewhat mislead by the advertising  
claim ?

Not in the least. I've had both Butternut and AP-8 verticals at this  
location (ground mounted), and neither came anywhere close to the  
performance of the IsoLoop.

Danny Goodman

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Date: Sun, 26 Jun 1994 18:13:29 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!netcom2!  
faunt@network.ucsd.edu  
Subject: Cage Dipole Rings  
To: info-hams@ucsd.edu

I saw lots of these when I was in the Soviet Union in 1989. Also,  
what looked like multisection units. Reminded me of link sausages.

Does everyone else go around on vacations scanning rooftops, etc., for  
antennas when on vacation?

73, doug

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Date: 26 Jun 1994 18:55:16 GMT  
From: agate!howland.reston.ans.net!wupost!crcnis1.unl.edu!unlinfo.unl.edu!  
mcduffie@ames.arpa  
Subject: Cage Dipole Rings  
To: info-hams@ucsd.edu

david.siglin@ccibbs.com (DAVID SIGLIN) writes:

> The Cage Dipole is an outstanding antenna system that has been in  
>use in the US Navy for many years. It more recently found its way into  
>use with the M.A.R.S system.

~  
~  
~

> Finding the rings is the tough part. If you are interested in this  
>type antenna or want help locating the spreader rings leave e-mail here  
>or on prodigy (UWKJ62A) or give me a call at (901) 476-7171.

I would be interested in the spreader rings and any tips for keeping them in place. This gives me some ideas too. I am going to be putting up a full wave square loop for 160m. What if all four legs were constructed in the same manner? Has anyone played with this?

73, Gary

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Date: Sun, 26 Jun 1994 18:10:11 +0000  
From: ihnp4.ucsd.edu!swrinde!gatech!udel!news2.sprintlink.net!news.sprintlink.net!  
demon!llondel.demon.co.uk!dave@network.ucsd.edu  
Subject: GB2RS News 26th June 1994  
To: info-hams@ucsd.edu

Good morning. It's Sunday the 26th of June and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

First the headlines:-

The first 10GHz moonbounce contact between two British stations has taken place,

July RadCom has been posted,

Sporadic E has dominated the higher bands this week - and there's more to come, and

RSGB Past President Len Newnham, G6NZ has died.

The first 10GHz moonbounce contact between two 'G' stations took place at 2340 last Sunday the 19th of June, when G4RFR in Wimborne, Dorset worked G3WDG in Rushden, Northants. Good reports were exchanged and both stations were able to hear their own echoes. G4RFR is the club station of the Flight Refuelling Amateur Radio Society. The moonbounce system was built by members as a club project, and was operated by G0API, G3YGF, G6NLC, G4JNT and G0DQQ. It comprised a 12 foot dish, a 15 watt transmitter and a 2dB noise figure system. G3WDG's station was operated by Charlie, G3WDG and Petra, G4KGC, and comprised a 3 metre dish, a 40 watt transmitter and a 1.2dB noise figure system. The G4RFR EME station will be on display at the Flight Refuelling Hamfest on Sunday the 14th of August.

The July edition of Radio Communication has been posted to all RSGB

members. This month's RadCom includes a full list of QSL Bureau sub-managers.

The Radio Society of Great Britain was represented at the funeral of Len Newnham, G6NZ, which took place last Friday. Len, who died on Saturday the 18th, aged 89, was President of the RSGB in 1958. He was renowned for his collection of historic radio equipment, much of which was exhibited to the public from time to time on HMS Warrior. Further details of Len's contribution to amateur radio will appear in the August edition of Radio Communication.

Morse Tests will be available on demand during the Hamfest-UK rally next weekend. Tests are available from 10.20am to 4pm daily. Candidates are reminded that they need to provide two passport-type photographs, together with the necessary fee, paid by either a cheque or postal orders but not cash. We have full details of Hamfest-UK later in this bulletin.

The Wells, Somerset, two metre repeater GB3WR on R0, was closed down last Monday the 20th for repair work. Further details from the repeater keeper G0MBX, whose address is correct in the RSGB Call Book.

The Buxton Two metre repeater GB3HH on R4, was taken off-air after a period of intermittent receiver operation. The keeper regrets any inconvenience until the problem is resolved and the repeater is reactivated. For further details regarding the repeater contact the keeper, G3RKL, whose address is correct in the RSGB Call Book.

Now attention all amateurs living in the East Highland area of Scotland. The RSGB is looking for more Novice Instructors to cover the Inverness, Wick and Thurso areas. Anyone interested is requested to ask for the booklet 'Novice Licence Training Scheme', which contains the necessary details and an application form. Contact the Amateur Radio Department at RSGB Headquarters for your copy.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

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Date: 22 Jun 94 14:26:21 GMT  
From: news.columbia.edu!usenet@RUTGERS.EDU  
Subject: Kenwood TH-78A  
To: info-hams@ucsd.edu

I am about to purchase a handheld dual band radio. After looking at different models, I decided to get a Kenwood TH-78A. Does anyone out there have any experience with this radio or with Kenwood products in general?

Thank you in advance.

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Athos Facchi  
Academic Information Systems  
Columbia University

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Date: 26 Jun 1994 20:57:38 GMT  
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!  
noc.near.net!shore.shore.net!usenet@network.ucsd.edu  
Subject: propagation conditions  
To: info-hams@ucsd.edu

I am new to the internet. I have been downloading propagation conditions & forecasts by landline from NOAA/ERL SEL BBS in Boulder, & it occurs to me that I can save on phone bill by finding the information on the internet.

Needless to say the wealth of info here is numbing, I need a little help! Has anyone located a reliable current source for propagation conditions & forecasts?

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Date: 22 Jun 94 13:34:27 GMT  
From: news.columbia.edu!spcuna!cherry.atlanta.com!emory!gatech!gt-news!  
clampman.gatech.edu!user@RUTGERS.EDU  
Subject: RF danger?  
To: info-hams@ucsd.edu

I'm a non-electronic type person with no interest in ham radio except as it may or may not affect me or my family when practiced by others. My new neighbor just put up a GIANT radio antenna that is, because of a slight difference in elevation, exactly on a level with my upstairs bedrooms, and right at 120 feet from where we sleep. I know from the lights in her house (and my FM radio, which is suddenly being blown off the air) that she does most of her transmitting between 10pm and 2am, while my family and I sleep in the antenna plane.

Is there any risk here?

I'd appreciate e-mail, as I don't read this group regularly [See line 1 :^)]

Chuck Lampman  
Chuck.Lampman@gstrf.gatech.edu

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Date: Sun, 26 Jun 1994 05:13:12 GMT  
From: pacbell.com!pacbell!sactoh0!csusac.ecs.csus.edu!zimmer!news@ames.arpa  
Subject: Tech. Question Pool  
To: info-hams@ucsd.edu

You can get the exam questions through FTP at : oak.oakland.edu;  
/pub/ham-radio/(?) (You have to dig in here). Good luck.

73

Rafael

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Date: Sun, 26 Jun 1994 17:38:27 GMT  
From: netcomsv!netcom.com!msadams@decwrl.dec.com  
Subject: Wanted:Novice on-air code practice  
To: info-hams@ucsd.edu

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msadams@netcom.com

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Date: Sun, 26 Jun 1994 22:10:06 GMT  
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa  
Subject: What hams do on vacation...  
To: info-hams@ucsd.edu

In article <FAUNT.94Jun26111329@netcom2.netcom.com> faunt@netcom2.netcom.com (Doug Faunt N6TQS 510-655-8604) writes:

>  
>Does everyone else go around on vacations scanning rooftops, etc., for  
>antennas when on vacation?

You bet, Doug! Even here at home whenever I go out I try to find new routes just to look for antennas.

When I'm on your side of the Pacific I scan tops of buildings, roofs, mountain tops...

Can someone in L.A. tell me what I see when I look from the Studio City area up to the Hollywood Hills - there appears to be a two story home that has about 50 antennas, some broadcast, some are dishes, most are verticals on several towers. This would be near where Coldwater Canyon



Drive crosses Mulholland Drive; there is a private tennis club just below it (I know because I rode a motorcycle up to there - couldn't reach the site due to a private gate). This is NOT the same site that sits above the HOLLYWOOD sign. This site is in a residential area and is actually a house whose interior must be nothing but transmitters.

Jeff NH6IL

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Date: Sun, 26 Jun 94 14:02:48 -0700  
From: netcomsv!lavc!lawrence.goodwin@decwrl.dec.com  
Subject: YOU KNOW ITS TIME TO RETI  
To: info-hams@ucsd.edu

N> From: johnsoj@autsb.allied.com (Jeff Johnson)  
N> Newsgroups: rec.radio.amateur.misc,rec.radio.info  
N> Subject: You know its time to retire ... (Humor, Long Compilation of threads)  
N> Date: Fri, 24 Jun 1994 07:06:56 -0600  
N> Organization: UTexas Mail-to-News Gateway

N> Compilation of replys to thread subject: You know its time to retire from the  
N> hobby when...(Amateur Radio Humor).

How about when you greet your boss on a monday by saying "Hello Old Man!" only to find he doesn't LIKE being called an old man. (Happened to me last week.....had a hard time convincing him that it was a friendly gesture.)

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Date: (null)  
From: (null)

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Date: (null)  
From: (null)  
Now the rallies for today, Sunday the 26th of June:

The Wrexham Amateur Radio Society Mobile Rally is being held at the Clwyd Veteran and Vintage Machinery Society's Annual Steam Rally at Plessey, Eyton, near Wrexham. The event features a radio and electronic related "car boot" flea market.

The Longleat Amateur Radio Rally is being held at Longleat Park, near Warminster, Wiltshire. Follow the brown tourist signs for Longleat House, not the Safari Park, from the A36 road. Doors open at 9.30am. The disabled car park is located near to the rally. The event features over 150 trade stands covering communications, computers and associated peripherals. There's also an RSGB stand and a bring and buy for private sales. Other attractions include a craft fair, Royal Signals special event station, historic wireless equipment and refreshments.

The Norfolk Raynet Barford Rally is being held at the Village Hall and Playing Fields, Barford, on the B1108 road, approximately seven miles west of Norwich. Doors open at 10am. The event features trade stands, car boot pitches and refreshments.

Next the events we know of for next weekend:

The Hamfest-UK rally is to be held next Saturday and Sunday, the 2nd and 3rd of July at the County Showground, Weston Road, Stafford. This is on the A516, not far from the M6, junction 14. The show ground is signposted.. Doors open at 10am on both days, with priority admission for the disabled. This is a new event for radio amateurs, short wave listeners and computer enthusiasts. The event features a large trade presence, special interest groups, lectures and a bring and buy stall. RSGB Morse Tests will be available on demand. Talk-in by GB2HAM will be on 2m metres, channel S22, and by GB4HAM on 70 centimetres, SU22. For further details see July's RadCom, page 50 or telephone 0923 893929.

There are two events for Sunday the 3rd:

The York Radio Rally is to be held at the Tattersall Building, York Racecourse, Knavesmire, York. Doors open at 10.30am. The event features trade stands covering amateur radio, electronics and computers. Other facilities include an arts and craft fair and refreshments. Talk-in will be on channel S22. For further details contact Dave, G7FGA on 0904 790079.

Also the Newport Amateur Radio Society Junk Sale is to be held at the Brynglas Community Centre, Brynglas Road, Newport, Gwent. Doors open at 10am. The event features a junk sale, a bring and buy stand, a car boot sale and refreshments will be available. Talk-in will be on channel S22. For further information telephone 0633 25001, working hours only.

A date for your diary:

The RSGB's Woburn Rally will take place on Sunday the 7th of August at Woburn Park, Bedfordshire. Full details and a map of the surrounding area can be found in July Radcom page 33. For further information

contact Norman Miller, G3MVV, on 0277 225563.

Now for the HF contest news:

The Canada Day Contest takes place next Friday the 1st of July, from 0000 until 2359 UTC. For further details see June's RadCom, page 19.

The Russian DX Contest which was originally scheduled to take place during this weekend has now been postponed until Friday the 29th and Saturday the 30th of July.

Next some VHF contest news:

The third RSGB 10GHz Summer Cumulative Contest takes place from 0900 to 2100 UTC, today Sunday the 26th of June. See April RadCom page 82 for details.

There are two Worked All Britain (WAB) Contests today, Sunday the 26th, first one is the 144MHz QRP Contest from 0900 to 1300 UTC, followed the 432MHz Contest from 1400 to 1800 UTC. Send logs to G4SKQ whose address is correct in the RSGB Call Book.

The RSGB's Premier VHF contest, VHF National Field Day, takes place next weekend from 1400 UTC on Saturday the 2nd, until 1400 on Sunday the 3rd of July. See April's RadCom page 82 for full details.

The third RSGB Backpackers 144MHz portable contest takes place from 1100 to 1500 UTC next Sunday the 3rd of July. This is an SSB and CW event and finishes one hour after VHF NFD. Full details can be found in the January and April editions of RadCom.

Special event stations this week include:

GB2RAF which will be aired until Monday by members of the RAF Sealand Amateur Club to celebrate the RAF Sealand's 70th anniversary. Today, Sunday the 26th, is RAF Sealand Open Day with side shows, trade stands and a flying display. The Club features a demonstration of amateur radio assisted by Clwyd Raynet. Talk-in will be on 2 metres, channel S22.

GB2WI will use 80, 40 and 2 metres on the 2nd of July, at the Women's Institute County Day at Kirkley Hall, Ponteland, Northumberland.

The Bridlington and District Amateur Radio Society will use GB2SJC next Saturday and Sunday, the 2nd and 3rd of July, on the occasion of the final stages in building St. Johns Church Hall, Sewerby. Operation will be daily on the 80, 40, 20 metre bands on SSB and possible 2 metres on SSB and FM. For further information contact John, G4DUP on 0262 603358.

GB75FC, will be aired by the Scarborough Special Events Group to celebrate the 75th Anniversary of the Forestry Commission, during next Saturday and Sunday the 2nd and 3rd of July. The station will operate from the Festival Site in Dalby Forest, North Yorkshire on 80, 40, 20 metres and 70 centimetres. A full-colour QSL card will be issued to commemorate the occasion and listener reports will be most welcome. For further information contact Roy, G4SSH, whose address is correct in the RSGB Call Book.

And now the solar factual data:

In these reports, the terms 'indices' and 'index' mean that the measurement has been made in accordance with internationally agreed standards. The 'mean' is the centre value between the highest and lowest level, and the 'average' is the addition of all the values divided by their number.

The period from the 13th to the 19th of June saw the HF bands still affected by coronal hole magnetic activity and a decline in solar flux levels. However, this was offset by widespread sporadic E extending from Spain to the Ukraine, lasting up to 21.00 hours on some days, affecting particularly 10 and 6 metres.

No flares have been reported, and the sunspot indices have generally declined; the period gave a mean of 58. The solar flux levels have also declined from 88 units on the 15th down to only 77 units by the 19th, giving an average for the period of 83 units. Solar flux levels have steadily declined from around the 120s last January down to the 80s now. This is a very steep fall and is partly responsible for the poorer than expected HF band conditions. The solar flux 90 day average on the 19th was 80 units.

The geomagnetic Ap indices tended to rise slightly over the period and averaged 12.5 units, but overall this is quieter than of late. The 16th was very quiet at only 4 units, but was back up to 20 units again by the 19th. Northern stations have been most affected by the higher levels. The state has been 'nil, nothing to report' throughout the period.

The aa indices, as supplied by the British Geological Survey for the 7th to the 13th of June, gave an average daily index of 28 nanoTeslas - about K3; the disturbed periods were around 59 nanoTeslas and the quiet ones down to 8. The X-Ray flux levels have continued to increase and averaged A9.1 units for the period, but reached B1.0 on the 15th and 16th - the highest levels since last March.

I'll repeat the figures. Spots - 58; Flux - 83; Ap index - 12.5; X-ray flux - A9.1.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, averaged 7.3MHz, hardly varying day to day. The darkness hour lows averaged 3.6MHz, but blanketing E was reported every day lasting up to 6 hours on some days. The highs are now centred about 20.00 hours and the lows 04.00 hours.

I'll repeat the figures. Highs - 7.3MHz; lows - 3.6MHz.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg averaged 6.2MHz and the darkness hour lows 4.2MHz.

I'll repeat the figures: Highs - 6.2MHz; lows - 4.2MHz.

And lastly the solar forecast:

This week the quiet side of the sun will be looking our way and solar flux levels are expected to be at about the 70s. Geomagnetic levels are expected to be disturbed at first, possibly up to substorm levels, then quietening by the end of the week to 'just unsettled'. F-layer MUFs in the south are expected to reach about 21MHz during daylight, and 14MHz during the darkness hours. North/south paths will be the best. Daylight sporadic-E is expected to be widespread particularly on 10 and 6 metres.

And that's the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Uniform Yankee and G7 Sierra Kilo series, and Novice calls in the 2 0 Alpha India and 2 1 Delta Delta series.

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GB2RS is prepared by the Radio Society of Great Britain and is broadcast in the 80m, 40m, 6m and 2m bands.

Tel +44 707 659015 Fax +44 707 645105

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Date: (null)

From: (null)  
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End of Info-Hams Digest V94 #707

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